

# FUEL RESOURCES ANALYSIS SYSTEM (FRAS)

## Software User's Manual

for the

## GCCS FRAS Support System

11 October 1996

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## USER MANUAL

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## **1. SCOPE**

### **1.1 Identification**

This software user's manual applies to the Fuel Resources Analysis System (FRAS) GCCS software. This manual does not include user instructions for the stand-alone PC part of the FRAS software. The FRAS PC software has not changed, therefore the existing user's manuals are still current.

### **1.2 System Overview**

The GCCS FRAS Support System replaces the functionality previously hosted on the Honeywell under WWMCCS. This software interacts with the JOPES database and files developed at DISA and the Defense Fuel Supply Center (DFSC), and creates the files and database tables required by the PC FRAS software. GCCS FRAS also provides the capability to move the information from the GCCS SUN system to a PC readable 3.5" floppy disk which can be used with PC FRAS to perform the analysis.

## **2. SYSTEM REQUIREMENTS**

To run the FRAS Support System on GCCS, you must have access to GCCS 2.0 or higher running on a SUN computer. You must also have a 3.5" floppy drive connected to the SUN to download the files required by the PC FRAS software. If you do not have the floppy drive available, you could run the GCCS FRAS Support software and then use the File Transport Protocol (FTP) utility to move them to a PC that has a floppy drive. This method will require coordination with your local GCCS System Administrator to set up the proper permissions.

## **3. SYSTEM ACCESS**

To run the GCCS FRAS Support System, you must have a UNIX account and your FDBM must add your user id as a valid FRAS user. Then you will have access to the FRAS button on the GCCS Desktop. You will also need an ORACLE account with space allocated so that you will be allowed to build the necessary FRAS temporary tables. Further, have your FDBM run the UNIX script (/h/FRASDB/Scripts/FRAS\_enable\_user.csh) which will give you ORACLE SELECT permission to read eight (8) GCCS CORE DATABASE tables and one (1) GCCS CORE DATABASE view. Also, you will need permission to access the OPLANs that you will be working with, that is, your user id and OPLAN NUMBER will have to be added to the

TABLE\_MASTER.USER\_OPLAN\_PERMISSION table. FRAS will not allow access to any OPLAN which you have not been granted permissions.

## 4. RUNNING THE SYSTEM

### 4.1 Logging In

After logging onto the GCCS computer, you will see the GCCS Launch Buttons icons. When you click on the FRAS button (Figure 4-01) on the GCCS Desktop, you will see the FRAS MENU window as shown in Figure 4-02 or you will see a warning window, as shown in Figure 4-03, stating that either you do not have an ORACLE account or you have not been granted the FRAS role. To perform your desired FRAS function, depressed one the five buttons if the Menu appears. Otherwise, if you get the warning window, contact your FDBM to make sure that your ORACLE account has been established and that you have been assigned the FRAS role.

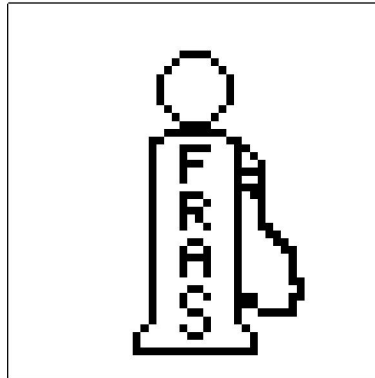
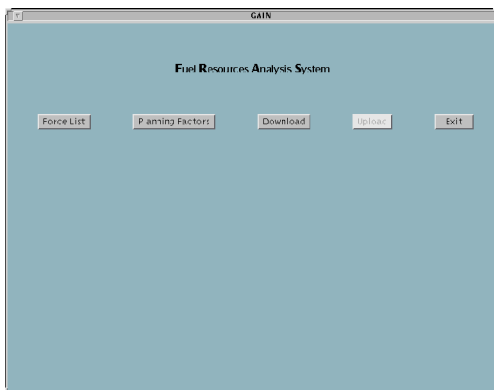


Figure 4-01 FRAS Launch Bottom Icon



Figures 4-02. FRAS Menu Window



Figure 4-03. FRAS Warning Window

## 4.2 Main Menu

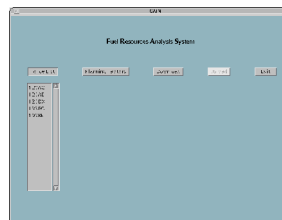
After connecting to the database, the FRAS Main Menu will open on your screen (see Figure 4-02). From this screen you can generate your Force List extract file based on a particular OPLAN, generate your Planning Factors extract file, download one or more FRAS data files, or upload one or more FRAS data files. Each of the functions will require a DOS formatted 3.5" floppy disk. However, if a floppy drive is not available on either the client or the server, the information will either be written to the home directory or will be read from the home directory. Of the five menu items, three items (Forcelist, Download, and Upload) have a submenu list. The other two items (Planning Factor and Exit) do not have submenu and when these items are selected, processing will begin immediately. Exiting the FRAS Support System is also accomplished from this menu.

## 4.3 Force List Processing

To prepare the OPLAN specific data for FRAS, select Forcelist from the Main Menu. This will open a window that will contain a list of OPLANs that you have permission to access. Double click on the desired OPLAN and the Forcelist routine will begin to run. During the Forcelist processing, a UNIX ASCII file is created. The file name is a combination of the OPLAN id and the extension INP, that is, the extract file can be found in your home directory and the path for this file will be '~/.h/FRAS/progs/data/\${oplan\_id}.INP (replace \${oplan\_id} with the OPLAN\_ID selected). This file is converted to a DOS ASCII format and downloaded to a DOS formatted disk if a floppy device is available, otherwise the user will have to use FTP to download the extract file.

### 4.3.1 Selecting OPLAN

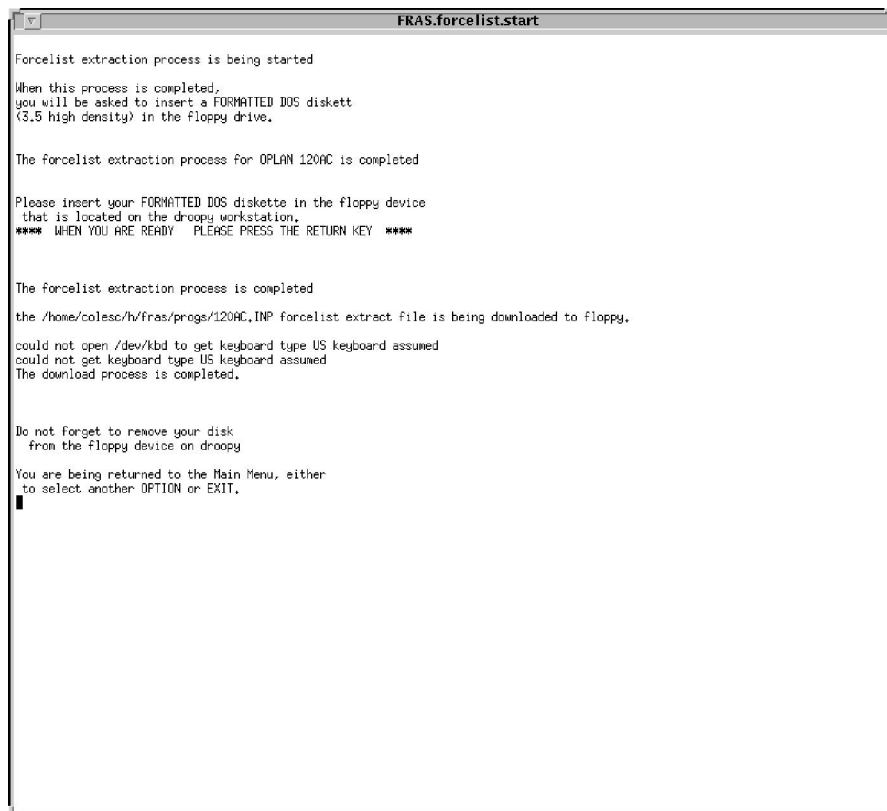
When you select Forcelist from the main menu, a window will open (Figure 4-04) where you can double click on the desired OPLAN.



Figures 4-04. FRAS OPLAN List Menu Window

### 4.3.2 Processing

During the Force List processing, another window (Figure 4-05) will appear showing the processing progress. When the Forcelist extract process is completed, you will be required to insert a DOS formatted disk into the disk device if available and depress the return key. If the return key is depressed before the disk is inserted into the device or for some reason the disk cannot be read as a DOS formatted disk, you can try up to a maximum of five times before the disk insertion process is stopped and the download process is canceled. When the processing is completed, the window will go away.



```
FRAS.forcelist.start

Forcelist extraction process is being started

When this process is completed,
you will be asked to insert a FORMATTED DOS diskett
(3.5 high density) in the floppy drive.

The forcelist extraction process for OPLAN 120AC is completed

Please insert your FORMATTED DOS diskette in the floppy device
that is located on the droopy workstation.
**** WHEN YOU ARE READY PLEASE PRESS THE RETURN KEY ****

The forcelist extraction process is completed

the /home/colasec/hv/fras/progs/120AC.INP forcelist extract file is being downloaded to floppy.

could not open /dev/kbd to get keyboard type US keyboard assumed
could not get keyboard type US keyboard assumed
The download process is completed.

Do not forget to remove your disk
from the floppy device on droopy

You are being returned to the Main Menu, either
to select another OPTION or EXIT.
█
```

Figure 4-05. FRAS Forcelist Processing Window

## 4.4 Planning Factor

To update your PC FRAS files when the logistics support information in GCCS is updated, select PlanningFactors (Figure 4-06) from the FRAS Main Menu. This routine also creates a UNIX ASCII file. The extract file can be found in your home directory and the path for this file will be '~/.FRAS/progs/data/PLAN\_FAC.TXT'. This file is converted to a DOS ASCII format and downloaded to a DOS formatted disk if available, otherwise, the user will have to use FTP to download this extract file..

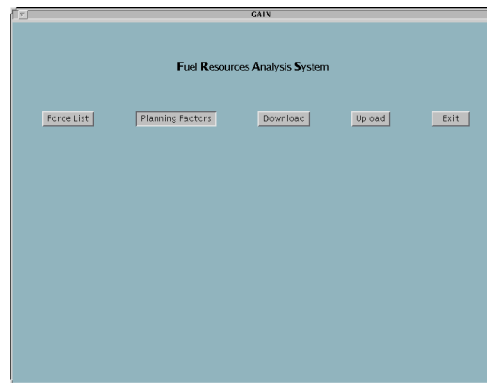


Figure 4-06. FRAS Planning Factor Menu Window

#### 4.4.1 Processing

During the Planning Factor processing, another window (Figure 4-07) will appear showing the processing progress. When the Planning Factor extract process is completed, you will be required to insert a DOS formatted disk into the disk device, that is, if the device is available. Depress the return key when the insertion process is completed. If the return key is depressed before the disk is inserted into the device or for some reason the disk cannot be read as a DOS formatted disk, you can try up to a maximum of five times before the insertion process is stopped and the download process is canceled. When the processing is completed, the window will go away.



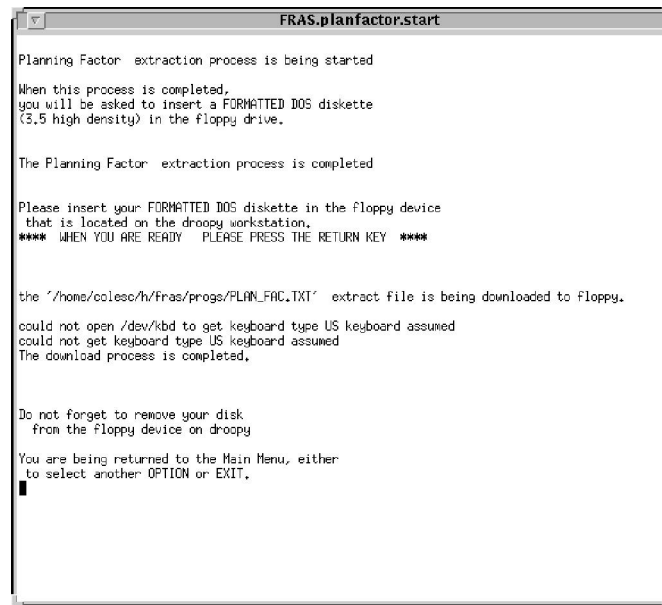


Figure 4-07. FRAS Planning Factor Processing Window

## 4.5 Downloading Files

To download files from GCCS FRAS, select Download (Figure 4-08) from the FRAS Main Menu. This will open a drop-down menu as shown in Figure 4-09. Select as many of the files as required ( and will fit on a 3.5" disk ), place a formatted 3.5" disk in the floppy drive if available, select Done on the Download drop-down menu, and the selected files will be written to the floppy disk or to the user home directory. All files can be selected by selecting "All" on the drop-down menu.

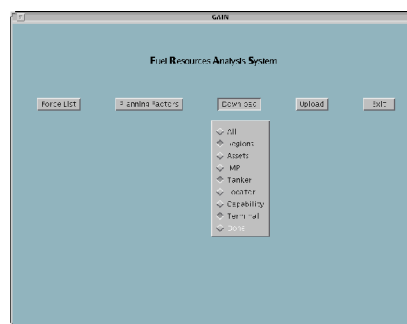


Figure 4-08. FRAS Download Submenu With Files Selected Window



Figure 4-09. FRAS Download Processing Window

## 4.6 Uploading Files

The Upload choice (Figure 4-11) on the FRAS Main Menu is used only by DISA and the Defense Fuel Supply Center (DFSC). This is used to update the support data for FRAS on GCCS. Upload is used exactly the same way Download is used, except the file is read from the floppy disk if available or from the user home directory (user must used FTP to get the file to his home directory) and is written into the GCCS FRAS data space. To upload a file or files, select the files to be uploaded on the Upload drop-down menu (Figure 4-11.), then select Done on the Upload drop-down menu(Figure 04-12). If the files exist on the floppy/home directory and are properly named, they will be uploaded to GCCS.

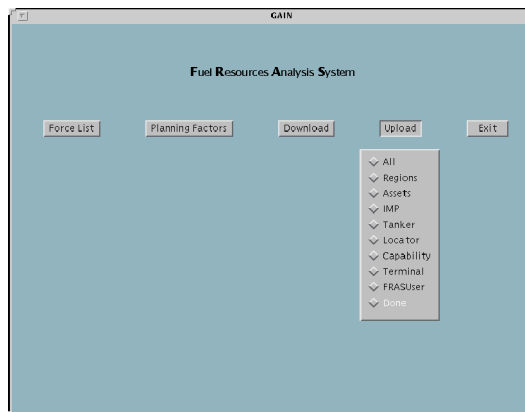


Figure 4-10. FRAS Upload Menu Window

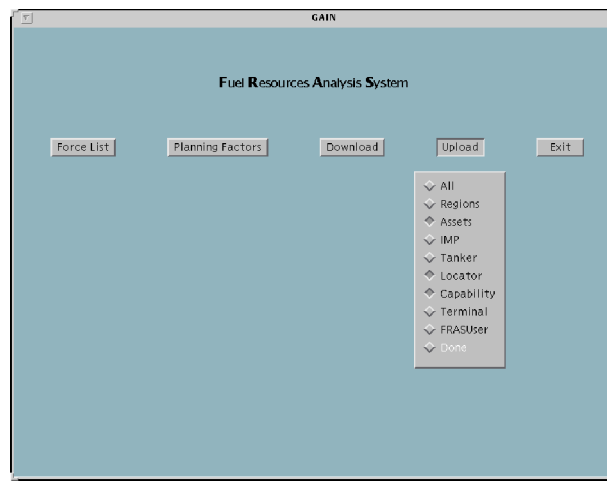


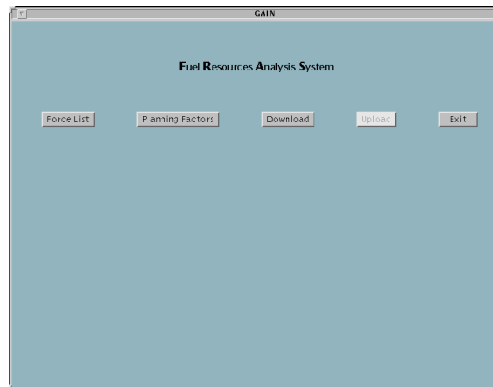
Figure 4-11. FRAS Upload Submenu With Files Selected Window



Figure 4-12. FRAS Upload Processing Window

## 4.7 Exiting GCCS FRAS Support System

To exit the application, select Exit from the FRAS Main Menu.



Figures 4-13. FRAS EXIT Window

## APPENDIX A

1. GRANT SELECT ON TABLE_MASTER.GEOGRAPHIC_LOCATION	TO
FRAS_ROLE	
2. GRANT SELECT ON TABLE_MASTER.OPLAN_FORCE_RQMT	TO
FRAS_ROLE	
3. GRANT SELECT ON TABLE_MASTER.OPLAN_FORCE_RQMT_LOC	TO
FRAS_ROLE	
4. GRANT SELECT ON TABLE_MASTER.USER_OPLAN_PERMISSION	TO
FRAS_ROLE	
5. GRANT SELECT ON TABLE_MASTER.SERVICE_FUEL_RATE_L4	TO
FRAS_ROLE	
6. GRANT SELECT ON TABLE_MASTER.UNIT_TYPE_FUEL_L1	TO
FRAS_ROLE	
7. GRANT SELECT ON TABLE_MASTER.UNIT_TYPE_FUEL_RATE_L1	TO
FRAS_ROLE	
8. GRANT SELECT ON TABLE_MASTER.SERVICE_FUEL_L4	TO
FRAS_ROLE	
9. GRANT SELECT ON TABLE_MASTER.RDA_OPLAN_VIEW	TO
FRAS_ROLE	

Table 4-01 FRAS\_ROLE

/h/FRASDB/Scripts/FRAS_enable_user.csh
----------------------------------------

Table 4-02. FRAS Script to Grant Access to FRAS\_ROLE

## APPENDIX A

~/FRAS/progs/data/xxxxx.INP

(Note: '~' is the user home directory that is assigned when a UNIX account is requested and 'xxxxx' is replaced with the OPLAN\_ID that the user selected to get forcelist information)

Table 4-03. FRAS Forcelist Extract File

~/FRAS/progs/data/PLAN.TXT

(Note: '~' is the user home directory that is assigned when a UNIX account is

Table 4-04. FRAS Planning Factor Extract File

/h/FRAS/progs/data/locator.txt  
/h/FRAS/progs/data/terminal.txt  
/h/FRAS/progs/data/capabil.txt  
/h/FRAS/progs/data/assets.txt  
/h/FRAS/progs/data/tanker.txt  
/h/FRAS/progs/data/imp.txt

Table 4-05. FRAS DFCS Data Files

## APPENDIX A

<p>/h/FRAS/progs/data/regions.txt /h/FRAS/progs/data/frasusers.txt</p>
----------------------------------------------------------------------------

Table 4-06. FRAS DISA Data Files